



# toike oike

University  
Archives

TOIKE OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY  
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY

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THURSDAY, JANUARY 16, 1964

NO. 5



"By @%FF, I'll take you to the At-Home if I have to drag you!"

## FANNY HILL, TOM JONES & MICKEY MOUSE say, (AMONG OTHER THINGS...) "GO TO THE AT - HOME"

While we were playing in the Engineering Stores, we found a piece of Gestetner n. 83-bonded paper bearing the following inked English words: MEMO TO ALL CLASS REPS:

Enclosed you will find tickets to the At Home Dance, to be held on Friday, January 24, at 9 p.m. in the Royal York Hotel. The tickets are still only \$3.50 per couple. The following information will help you sell tickets:

i) FREE CORSAGES (very good ones too) and favours will be given out to the ladies at the door.

ii) There will be dancing in the Canadian Room to the band of Benny Louis from 9 p.m. until 1 a.m. At 12 midnight you can join the animal rhythms of Ritchie Knight and the MidKnights in the Ontario Room. And you remember how good they were at the Cannon Ball!!

iii) To help you lubricate the mind there will be a bar set up at the Ontario Room until midnight.

iv) The L.G.M.B. will give a command performance at the half time.

v) To stimulate class effort we are providing free suites to all classes selling 50% of their classmates the tickets. For this purpose Mining, Metallurgy, and Applied Geology will be combined. Also the third and first years, and the fourth and second years of Industrial and Mechanical clubs will be grouped together. Rooms will be reserved in the names of the class reps. who will thus

be responsible for them.

These amazing words stupefied us. We contacted Mike Kisley and asked him whether these details were really true. He said:

"Due to an inherent sense of insecurity I did not wish to make this statement public for fear of being mobbed. Instead, I resorted to written communication with the class representatives. Now that the statement has been uncovered I feel, alas, that I can not but confirm publicly its truth."

We were still not quite clear about the purpose of the suites so we pressed the meek vice president even further. He replied:

"To interest the erotic, uh-introverted, few who must hide their insecurity in darkened corners, we have rented a limited number of suites for classes selling 50% of their classmates the tickets. We have found in the past that the arduous exertions of the dance have forced many people into esthetic retreat of the monastic atmosphere permeating the suites in the homely Royal York Hotel. We know that some people have some censoring activity within their minds and will not join the mobs whose alcohol animal lubricated passions have been aroused by the deep rhythms of the MidKnights. By the way, corsages will also be available to the hoys who wish them."

Thus did our interview with the famous man end with a cheerful (?) note.

## IRMA WANTS A BED!

YES, FRIENDS ... SHE DESIRES A METAL, STRONG  
BED FOR SKULE'S ENTRY IN THE BED PUSHING  
CONTEST ... PHONE XAVIER 8-2916 IF YOU HAVE ONE!

### THE UNIVERSITY AND SUMMER EMPLOYMENT • BY J. K. BRADFORD

Most Engineers are familiar with the yearly arrival of over a hundred employers who have made the University of Toronto one of their calls when they look for new manpower in their technical and scientific departments. Fewer undergraduates are aware of the full parallel resources that are open to them in their interest in summer employment during the three years before graduation.

None of these convenient facilities appear in the Faculty by accident. Somewhere, far in the background, is a University department that is designed to smooth out the communication between Industry and the undergraduate. Like the proverbial iceberg, that which appears on the surface as visible action, represents less than one-tenth of the organization that works through twelve months of every year to make career opportunity available to those who look for it.

The University Placement

Service is as much a part of University education as the classroom lecture. In fact, the University philosophy which gives its greatest rewards to the man who does not rely entirely on a formal curriculum in his own objective and methodical search for information, applies with equal weight to the student in his relationship with the career facilities made available to him.

At intervals, throughout the entire academic year, company after company appears on campus to discuss summer employment with undergraduates who are looking for a supplementary source of income or a job that will add to their shop work credits or a means of exploration of their eventual field of work. Each time, a varying number of individuals appear in the Placement Service twice, once to select a convenient appointment time, once to see the company representative when he actually comes to Toronto. It appears to be a

routine procedure.

But a lot of gears have meshed in setting up that simple series of twenty minute interviews. For the basic thing that we do not always remember is that summer employment is not easy to find any more. Some hard selling sometimes takes place at the Placement Services when a company comes to the University to talk about permanent employment prospects and frequently summer opportunities are created right there. Sometimes a representative of the University has gone on the road to actually visit company locations. Too often, the University is called on to improve relations that have been seriously strained by a single thoughtless or self-centered undergraduate.

An employer appreciates a tough, business-like approach on the part of University administration. He cannot understand a lack of business ethics on the part of an individual student. He resents a university policy that does

not give him an equal break with his competition. Many companies confine their recruitment efforts to a well-defined list of universities. are added or dropped according to the attitudes of applicants on other visits and the facilities provided to them on campus. One of the first functions of university administration is to maintain a spirit of understanding between itself and its guests from the business world. Toronto has been singularly fortunate over the years in establishing this sort of relationship, but it takes a continuing awareness on the part of the staff to compensate for the industrial problems and shifts in balance in the business world outside the campus.

The mechanical function of providing space for interviews, information on company requirements, and the scheduling of applicants is far from as routine as it appears. Toronto is a big campus. Many employers, more accustomed to a small cen-

tre where a few hundred students work under what amounts to one roof, have little to distract them off-campus and are infrequently disturbed by employers, find it very difficult to co-ordinate their requirements in time to permit the two weeks' notice that is needed to Toronto.

We have special problems also that are built into the way we live here. The advertising that is placed in Toike Oike and the Varsity is checked by the department, whenever opportunity is given it, to ensure that the directions for procedure in applying to the company do not result in the applicants charging off to a room that does not exist or a building that has a similar name but a far different function. The Placement staff still remembers the time that one company who were to appear in Room 404 in the Mechanical Building when that room was known as the Mechanical Museum, advertised and directed their applicants to ap-

(Continued on page 3)



# TOIKE OIKE

Devoted to the interests of the undergraduates of the Faculty of Applied Science and Engineering. Published every now and then by the Engineering Society of the U. of T.

Opinions (?) expressed are not necessarily those of the Engineering Society.

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## CREDITS:

This issue was filled before it started. We did not even have room for humour? They almost cut the editorial. Kisly scribbled the lead. Dunno took care of us. Lynne subdued Ks1, and J.Q. said: "O.K., but make it small!"

## EDITORIAL

It is about time that improvements were made in the manner of cram education. One of the most common complaints we hear voiced about "Engineering" by the people who are most qualified to comment, the graduating class, is that after four years of intensified study the graduate is not really equipped to handle a responsible professional job. More years of post-graduate study are required to round out one's education. It is our belief that the faculty has realized this and has attempted to correct it by adding more material to the courses. It is also our belief that the point of diminishing returns was passed several years ago in this regard, and the result is the attitude that passing exams rather than education is important, and the general feeling of distaste and disappointment with the results of four academic years.

Comments such as "This course requires four hours of cramming before the exam, to pass, and then you can forget it all"; "If I wasn't graduating this year I'd quit"; "Four years is enough for me, I'm not coming back"; "I'm going to get out of this rat race. make some money, and enjoy life a little"; are common. Naturally we have edited these comments slightly, but just add a few of the common invectives and the picture becomes very clear.

It is our contention that the university has failed a great majority of students graduating from Engineering. We should have an appetite for knowledge. Instead, we are repelled by it. The University believes it is only giving us our money's worth when it piles on the extra courses. Actually we get far LESS than our money's worth. The University tries to broaden our minds by handing us "Arts" courses in a missionary-like fashion. The net result is disdain and derision (and other D's).

If the University really believes that all this material is necessary for our intellectual benefit, and at the same time wishes to graduate truly educated men with a thirst for truth, then there is only one solution. The four years must be lengthened.

We are not suggesting, however, that the total amount of work load be increased. We are suggesting rather, that a pre-Engineering year should be started, or that another year be added, with a diluting of work load. Of the two, we believe that the first is preferable. The "pre-Engineering" year could include all the "Arts" courses we now take rather uselessly spread over four years, plus a couple of basic science courses. The four following years would be spent learning, at a more leisurely and beneficial pace, the material necessary for our own field in life. Ample time would be left for outside reading and following up our own interests. We might add that it is not our contention to lengthen the total time spent in school. As anyone knows, who has recently been through our public school system, university calibre students could easily cover the thirteen years of "study" in twelve or even eleven. If nothing better resulted, it would be worth the effort in order to remove that most cruel of yearly hypocrisies — the January exams.

## M. M. G. CLUB NOTES

The old Mining and Metallurgy Club received a new status this year with the incorporation of the word Geology into its title. The Geologists have been pressing for recognition since the beginning of the club and this year they have finally been uppeased.

Last year the club ended its fiscal year with a fair degree of success and showed a profit of \$2.50 for the first time in several years. I hope that this financial success will continue and perhaps next year the Club will begin its year in a much more solvent position.

The Club is fortunate to have as its Honorary Chairman, Mr. V. C. Wansbrough, the Executive Vice President and Managing Director of the Canadian Metal Mining Association. Mr. Wansbrough was present at the first General Meeting of the club where he presented a very interesting speech on the topic of education in the mineral industry.

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## ETAOIN SHLDRLU

By ROBERT X MORRIS

### The 3rd Bi-annual Biennial Winter Carnival

The lost weekend of this month will be two days long. Also the Winter Carnival will take place then. The 31st of January will witness the Nth annual Engineering Chariot Race. Last year the Chariot Race was exciting as usual. But the World Championship race the next day was a farce because of the attitude of some entrants — and especially that of some non-entrants. So a wild brawl resulted — and the race has been revised. Chariot Races can be fun, but they should be races, not fights. Although the rules of the Engineering Chariot will be essentially unchanged, I feel that this year Skule should have a race also — that speed rather than Brute Force should determine the winner.

### Eh!

Skule will again build the Ice Palace this year. Only S.P.S. has the technical knowhow necessary precisely to determine the correct amount of ice, water and mix — in the Ice Palace, of course. Actual construction will commence Tuesday, January 21. So skip classes, labs and other petty engagements . . . and help. Hard hats are a definite must to protect you from the crane operator.

### U.C.'s Dilemma — Solved!?

"John Smith Baaml!"'s suggestion in The Gargoyle — namely that the Faculty of Applied Manual Labor (us) scrub down the old wing of U.C. rather than dirty up the new wing — has been received with disdain hereabouts.

In view of the formerly mentioned labor I recommend the following action taken from the Farmer's Almanac, 1936: "To remove accumulated filth from the exterior walls of decrepit buildings, simply scatter large tubs of water liberally around each room of the structure. Light roaring bonfires under the tubs and watch the steam permeate the walls. After three days of such treatment the exterior walls may be hosed down and will be found to be, due to the sweating action of the steam, free of dirt. The interior walls may be found to be free of plaster and other accessories."

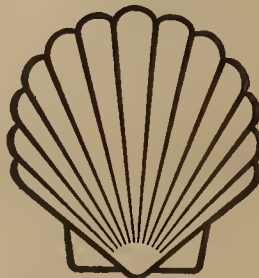
### Beds Desired

Skule needs a metal bed of any sort to use in the bed pushing contest on Winter Carnival Weekend. Please contact me in the Stores if you happen to have an extra metal bed.

### The Secret Is Out!!!

Since this may or may not be the last Shrdlu of the year — I would like to say something. (Ed. note: Again?)

ETAOIN SHRDRLU is nothing else but the first two columns on the keyboard of a linotype machine. I used this for a column title because it is mysterious and because it is the last thing the printer would spell wrong.



Shell will be on campus to interview students for regular employment in the following departments

EXPLORATION  
PRODUCTION  
(OILFIELD ENGINEERING)

REFINING  
MARKETING  
COMPUTER PROGRAMMING

January 16 & 17

For details see posters and obtain company brochure from your placement office.

Shell Canada Limited

# SUMMER EMPLOYMENT

(Continued from page 1)

appear in the Royal Ontario Museum!

Things could be more harmonious and the chance of a further opportunity enhanced with a company if students finding themselves confronted with a sudden test on a day when a series of interviews had been scheduled, would call the Placement Service immediately so that the staff there, who have no way of knowing that this disaster looms, may have the chance to do everything possible to warn the hapless interviewer — if he can be located.

Summer employment is not, as we have already said, in plentiful supply. Nearly half of the opportunities have already been presented in interview schedules on campus this year. In fact we would suggest that, if you already have an offer, it would be wise to accept it and not continue to shop interviews in the expectation that something slightly more convenient may turn up later in the year.

For those not yet placed, lists will continue to be posted as they come in to the Placement Service showing new opportunities and schedules but if this year is similar to other years in the past, there will not be many additional schedules after March begins. However, it is surprising how many jobs will be available for the men who really want to work.

To those who expect to find that the offices at 581 Spadina Avenue are open from 7.30 in the morning to 10.00 at night, Saturdays and holidays included, the hours of 9.00 to 4.30, five days a week, come as a bit of a shock, but administration can expand in staff only as far as it is practical to do so. The majority of University undergraduates seem to be able to manage a visit to the offices within those hours once every two weeks if necessary. It is also impractical to answer inquiries from the undergraduate body over the telephone. The sheer weight of calls arising from a group of 19,000 students would need a staff of telephone assistants as well as a battery of expensive Bell equipment. In consequence, we have been forced to adopt the firm policy that inquiries must be made in person and the department's telephone left for use of employers.

We have been asked why we require a registration of applicants on our own card when all employment is arranged as a result of a personal visit to the office. Each year, many students are not given an opportunity to work at a job that might well be the ideal one because they have not filled out the Placement Service card. These cards are used for several purposes besides the obvious one of balancing the administrative facilities on the basis of the statistical reports of usage. A company may call to find out if it is worth coming on campus at all. If we have a number of registra-

tions from the course, year or speciality that the employer needs, he often takes that as an indication of the interest he will create and makes the necessary arrangements to come. Sometimes the University has a request for one man with a special background of interests and courses to fill a single position with unusual specifications. These are often the unique and "interesting" jobs that you read about but never see. In such cases we search the cards themselves to find the one or two individuals who alone can fill the position. Recently, we have sent a list of nearly 200 names and addresses of applicants who had registered up to that time to an organization who wished to do something to find summer employment for a group of men and women from one section of the University in which they had a special interest. Sometimes the University receives a call for further information about a student who had taken interviews but not troubled to fill out a card for the Service. If the name is not on file, it can be the deciding factor for a variety of reasons as to whether further action will be taken by the would-be employer.

Space does not permit a complete story of the career services at the University, but we have borrowed the Editor's crystal ball for a week-end and we can predict the following things for this year.

First year employment will be difficult but there will be a number of satisfied students who will not necessarily be working at their intended vocations. Third year opportunities should equal the number of applicants but some of the students concerned will find themselves separated from their area of social interests for the summer months. Graduate students who intend to return after graduation should be able to take some of the openings that the third year group have not filled at third year rates of pay unless they are carrying out research projects in one of the research institutions. At least ten students will not have the job they should have had because one of their classmates changed his mind after the end of term and did not turn up to take the job he had agreed upon and so left the employer no opportunity to offer the job to someone else.

To those students who have made an honest engineering effort to use the facilities provided for them, we express our appreciation and assure them that their Faculty and the University administrative staff is happy to go a bit further than the Second Mile in working with them. To all undergraduates, our wish in this new calendar year is for increased opportunity to continue the high achievement that have been set by those who have gone before them from the University.

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Frank Johnson, Manager of Personnel, from the Montreal Head Office will interview at the University on Thursday, January 16th, 1964.

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Company representatives will be present for campus interviews:

**January 16 - 17 - 18**

Personal interviews may be arranged through  
the University Placement Office



## COSTITUTIONAL REVISIONS

The following are the proposed amendments to the Engineering Society Constitution with regard to continuity and efficiency in the Stores.

### (1) Article IV Section 1 — Second Vice-President

Change to read  
The Second Vice President shall be, during his term of office a member third year.

He shall be responsible to the First Vice President for the organization and administration of one special activity of the Society (exclusive of the social activities sponsored by the Federated Clubs and the Debating Society). The choice of which activity is to be decided by the First Vice President.

He shall be responsible for the supervision of established controls on the Engineering Society Stores operation, and the payment of all liabilities of the store in conjunction with the Treasurer.

He shall be responsible for the supervision of the Engineering Society Offices (exclusive of the store) the proper use of all equipment contained or belonging therein, and the supervision of all personnel employed by the Society.

He shall have the controls on the stores operation checked by a chartered accountant in October, November, December and with the yearly audit in March and be responsible for securing an analysis of the stores operation by the Chartered accountant, along with the yearly audit.

### (2) Article IV Section 3 — Treasurer

Change to read  
The Treasurer shall be, during his term of office, a member of the third year.

He shall receive all monies of the Society, and under the direction of the Executive Committee shall pay all accounts, and shall be responsible for keeping accurate and complete records of all financial transaction of the Society.

He shall furnish a security bond of one thousand dollars (\$1,000.00) the premium to be paid by the Society.

He shall prepare and submit a budget at the beginning of the first term and again at the beginning of the second term which shall meet the approval of the Executive Committee.

He shall, upon the completion of his term of office have his records audited by a Chartered Accountant appointed by the Executive and shall prepare and make public the financial statement of the Society and an analysis of this statement.

He shall upon completion of his term of office, and on or before March 20th receive the financial records from all members of the Executive Committee whose responsibilities include the handling of monies; said records shall then be audited by a Chartered Accountant appointed by the Executive Committee and members of the outgoing members.

One copy of the annual financial statement and an analysis of this statement shall be submitted to the Secretary of the Faculty of Applied Science and Engineering.

### (3) Article V Section 3 — Business Manager

Change to read  
The Business Manager of the Stores shall be, during his term of office a member of second, third or fourth year.

He shall be responsible for the management of the Engineering Society Stores and the maintenance of established controls and records as defined in the manual of stores operation.

He shall be responsible for the proper use of all equipment and supplies in the Engineering Society Stores.

He shall be responsible for the training of an Assistant Business Manager and for the management of the stores help.

He shall conduct a physical inventory of the complete stock of the store on October 31st, December 31st and March 31st and present a statement of stores operation to the Executive Committee.

mittee for the periods to October 31st, December 31st and March 31st as soon as possible.

(4) Article V Section 3 Privileges  
Delete Business Manager of the Stores.

(5) Article VI Section 3. Insert

The Business Manager shall be appointed from the applications on the sole qualification of his ability to run the Stores as defined in Article V Section 9.

## ONTARIO HYDRO

### GRADUATE AND POSTGRADUATE INTERVIEWS

**JANUARY 17 TO 19, 1964**

#### ENGINEERING

#### ELECTRIAL

#### MECHANICAL

#### ENGINEERING PHYSICS

#### MATHEMATICS

#### DATA PROCESSING

Mathematicians are required for positions concerned with use of a large computer for the solution of engineering and scientific problems. For engineers there are career possibilities in a wide variety of functions including operations, design, research, planning and construction.

Further information may be obtained from your departmental library

## ATTENTION

### 4th YEAR ENGINEERING STUDENTS STUDENT COUNSELLING

BY MEMBERS OF THE

Professional Development Program  
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PLACE: GALBRAITH BLDG. Room No. 119

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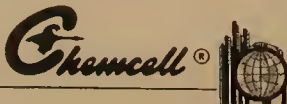
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Write Canadian Chemical Company, Department A, 1155 Dorchester Boulevard, West, Montreal 2, or to the Personnel Department, Canadian Chemical Company, P.O. Box 99, Edmonton, Alberta.

Representatives of the Company will visit this Campus for interviews on January 16, 1964.

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